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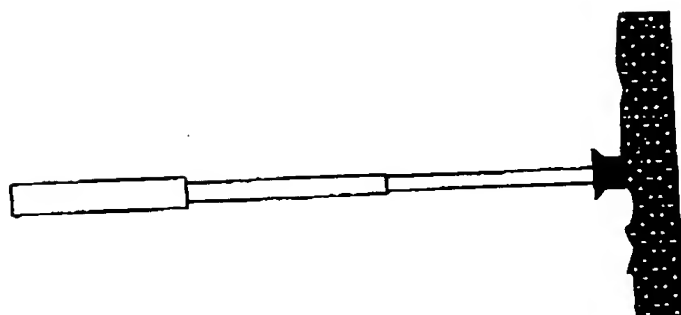


Figure 2:  
Tether string

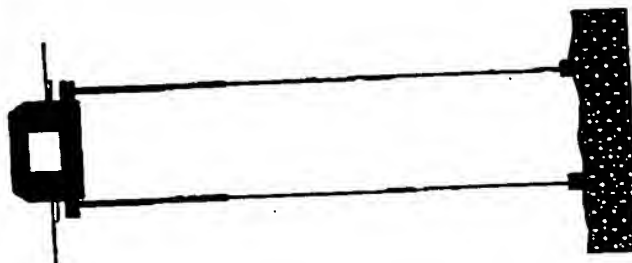


Figure 1:  
TLP with tethers

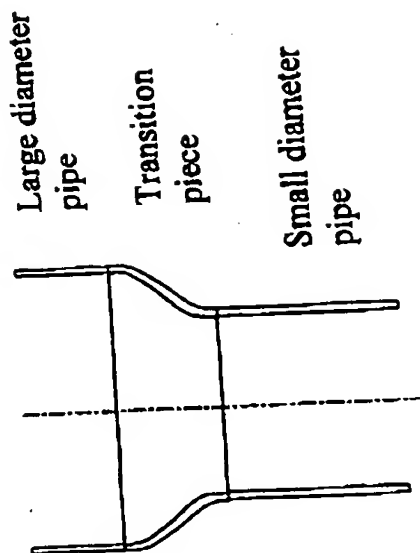
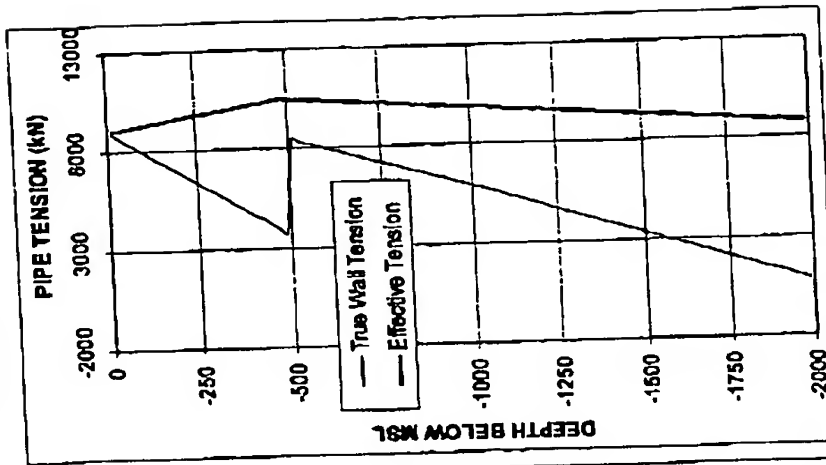


Figure 3:  
Diameter transition

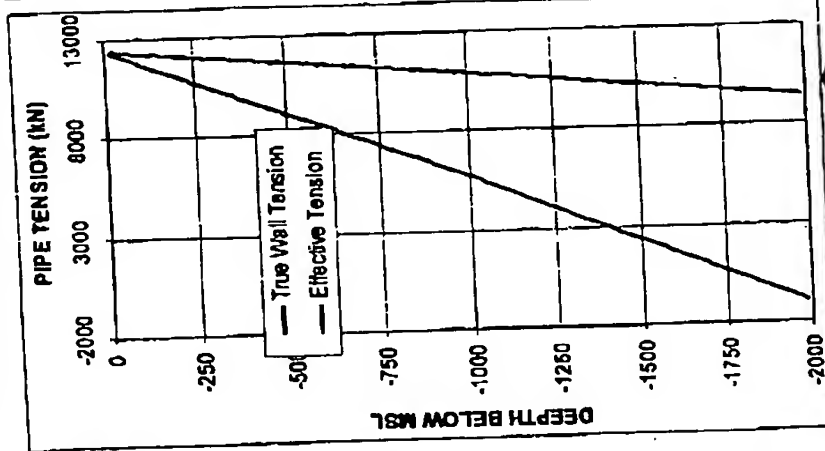
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[illegible]

### Stepped Pipe @ 2000m



### Uniform Pipe @ 2000m

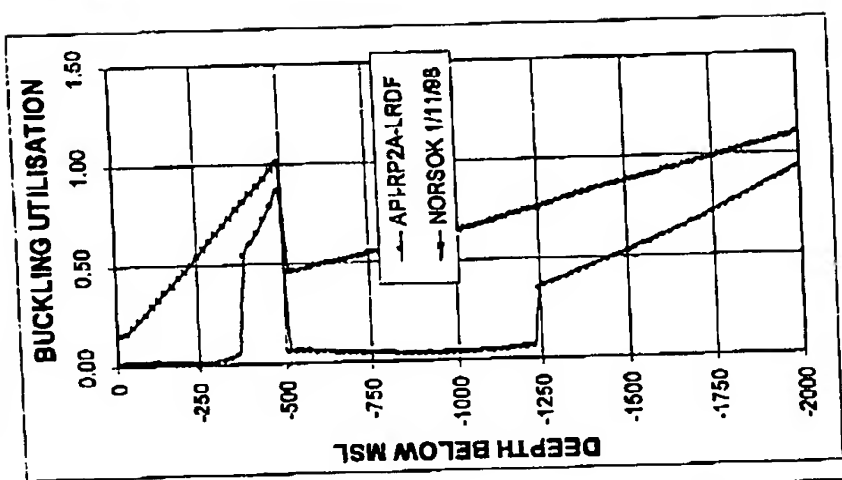


## Tether Pipe Tension

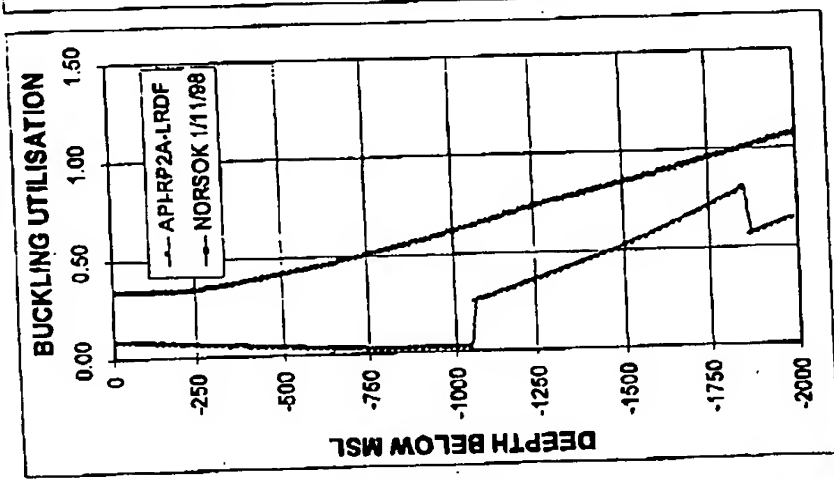
## Figure A1

20020" TSEBFOOT

Stepped Pipe @ 2000m



Uniform Pipe @ 2000m



Tether Pipe Utilization

Figure A2

# Optimisation

1. Direction of increased buoyancy
2. Direction of increased stiffness
3. Direction of increased hydrostatic capacity

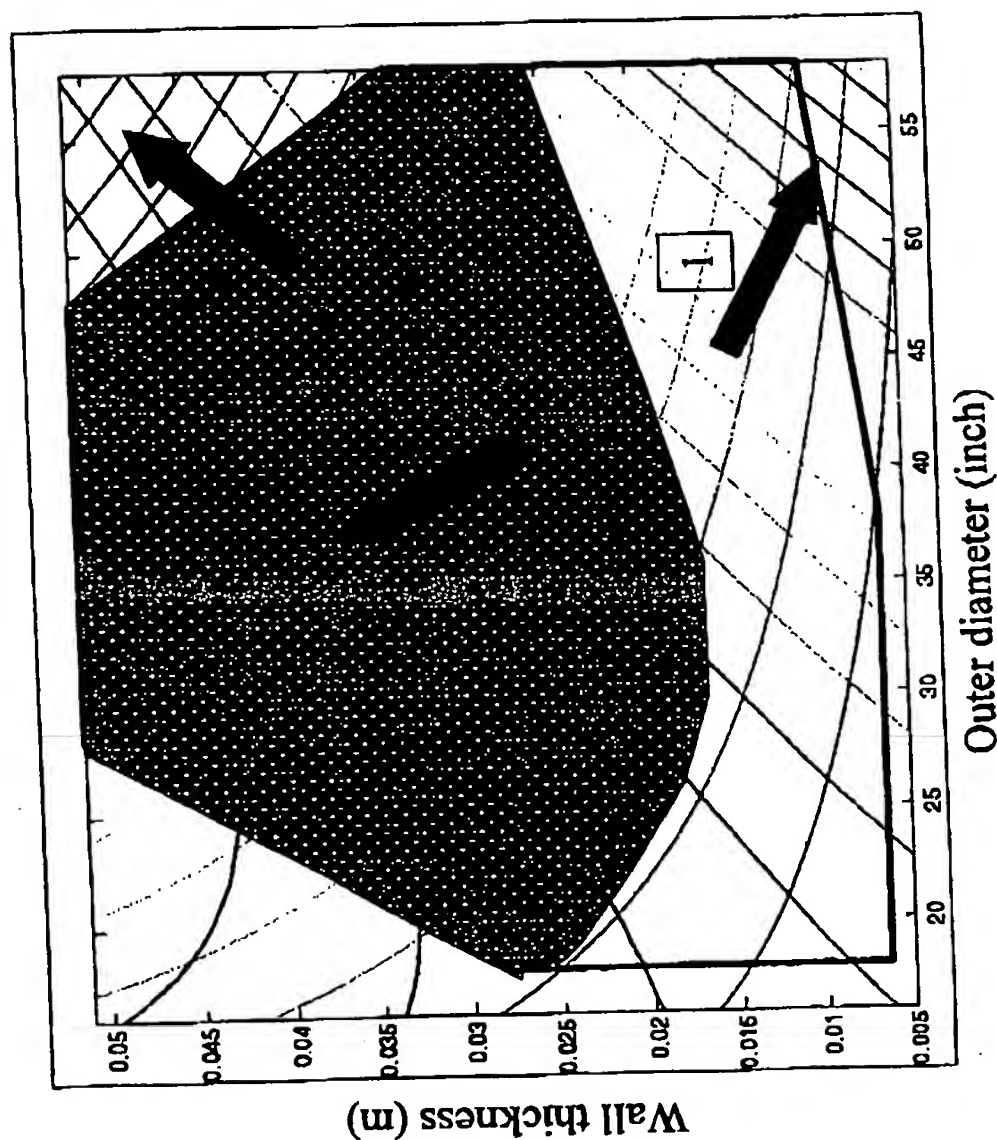


Figure 4: Optimisation chart